

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2197534
<b>Application Number:</b>	10825021
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7500
<b>Title of Invention:</b>	System and method for topology-aware job scheduling and backfilling in an HPC environment
<b>First Named Inventor/Applicant Name:</b>	Shannon V. Davidson
<b>Customer Number:</b>	45507
<b>Filer:</b>	Travis W. Thomas/Darla Rupert
<b>Filer Authorized By:</b>	Travis W. Thomas
<b>Attorney Docket Number:</b>	064747.1017
<b>Receipt Date:</b>	14-SEP-2007
<b>Filing Date:</b>	15-APR-2004
<b>Time Stamp:</b>	14:41:17
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	6382
Deposit Account	020384
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17	

### File Listing:

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Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1		1017ids.pdf	70471	yes	2
			5b9818fe6696d69b1b779448e30f9b5c c2817933		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Information Disclosure Statement (IDS) Filed		1	1	
	Information Disclosure Statement Letter		2	2	
Warnings:					
Information:					
2	NPL Documents	ref1.pdf	1366512	no	7
			eed046c22eb11c024247c7f445e4236c a267ff26		
Warnings:					
Information:					
3	Foreign Reference	ref2.pdf	399075	no	4
			3721e74a5a7f076102994c4a533464e6 d13e359a		
Warnings:					
Information:					
4	Fee Worksheet (PTO-06)	fee-info.pdf	8217	no	2
			10f6856f034f98385e8651e63d33b906e 5ceab40		
Warnings:					
Information:					
Total Files Size (in bytes):			1844275		

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.